



Issue 366 January 25, 2025

Top links

POTA spotting via low earth orbit (https://qrper.com/2025/01/k5khk-pota-spotting-via-low-earth-orbit/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Using the APSPOT service with SMS via iOS satellite connection.

QRPer

The case of the shrinking Technicians

(https://www.k0nr.com/wordpress/2025/01/shrinking-technicians/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Many Technicians are only dabbling in Ham Radio.

K0NR

HAARP to conduct research campaign January 27-31

(https://daily.hamweekly.com/2025/01/haarp-releases-notice-of-transmission-january-27-31/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Campaign includes VLF generation and ducting, studies on STEVE airglow, and space debris detection.

Amateur Radio Daily

First two-way contact via geostationary satellite bounce

(https://www.camras.nl/en/blog/2025/first-two-way-contact-via-geostationary-satellite-bounce/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

The satellite in question, Inmarsat GX-5, is stationed at an altitude of over 35,000 kilometers.

Dwingeloo Radio Telescope

Secret listeners – revealing the life of Amateur Radio heroes

(https://eastangliabylines.co.uk/lifestyle/history/secret-listeners-revealing-the-life-of-amateur-radio-heroes/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

The Voluntary Interceptors, amateur radio enthusiasts, helped break Axis codes in WW2, secretly listening for crucial intelligence from home.

East Anglia Bylines

RepeaterSTART (https://hearham.com/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

The only repeater app to have step by step instructions, an updated offline repeater database, topo map, and other features that Hams will find helpful. An Open Source desktop version is free and comes with all features except for the step by step instructions.

RepeaterSTART

How to get ARRL members back (https://k4fmh.com/2025/01/18/many-arri-members-couldnt-get-there-from-here-so-they-left-heres-how-to-get-them-back/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Term limits, direct membership election of presidents, online streaming of board meetings.

K4FMH

CaribouLite SDR HAT for SDR on a Raspberry Pi

(https://www.jeffgeerling.com/blog/2025/cariboulite-sdr-hat-sdr-on-raspberry-pi?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Frequency range (30 MHz up to 6 GHz) combined with TX capabilities make it enticing.

Jeff Geerling

HamSCI expands Personal Space Weather Station activities

(<https://forums.qrz.com/index.php?threads/hamsci-announces-expansion-of-personal-space-weather-station-activities.942624/>)

New Zoom sessions will cover the operational aspects (scoping the network, project timelines, data collection topics, network monitoring, maintenance) of the PSWS network.

QRZ

Predicting earthquakes hours in advance by radio

(https://www.experimentalradio.news/experimental-radio-news-11/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

The ionosphere becomes more inhomogeneous above the epicenter in the 12 to 16 hours before the earthquake.

Experimental Radio News

52 week Ham Radio Challenge roundup: Weeks 1-4

(https://ianrenton.com/blog/52-week-ham-radio-challenge-roundup-weeks-1-4/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

52 challenges for 2025, approximately one a week.

Ian Renton

How should I attach a Ham Radio antenna to my vehicle?

(https://www.onallbands.com/how-should-i-attach-a-ham-radio-antenna-to-my-vehicle/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

The good news is that there are multiple options.

OnAllBands

Video

24 GHz QSO ([https://www.youtube.com/shorts/PzVmCyqCIJY?](https://www.youtube.com/shorts/PzVmCyqCIJY?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

[utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter](https://www.youtube.com/shorts/PzVmCyqCIJY?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter))

Two members of the Surrey Amateur Radio Communications Society completed what is believed to be the first 24 GHz terrestrial contact in BC.
SARC